

WHAT IS CLAIMED IS:

1 1. A computer comprising a main board provided with a BIOS-ROM booting a system
2 and a CPU, further comprising:

3 a removable storage unit having a casing, a readable and writable memory accommodated
4 in the casing and having a data storing part and a code storing part, a plug provided at the casing and
5 transmitting data in the memory therethrough;

6 an interface part provided at the main board and to which the plug of the removable storage
7 unit is removably connected; and

8 a controller controlling the system to be operated where a user code received from the code
9 storing part through the plug and interface part is equal to a unit code stored in the BIOS-ROM.

10 2. The computer according to claim 1, wherein the controller is provided in the BIOS-
11 ROM.

12 3. The computer according to claim 1, wherein the removable storage unit further
13 comprises an MP3 playback part for reproducing an MP3 file stored in said data storing part.

14 4. The computer according to claim 1, wherein the removable storage unit further
15 comprises a digital camera, and the digital camera includes an image playback part reproducing an
16 image file.

1 5. The computer according to claim 1, wherein the interface part is comprised of one
2 of a USB port and an IEEE1394 port for transmitting data to, or receiving data from, the main board.

1 6. The computer according to claim 1, wherein the memory is comprised of a flash
2 memory.

1 7. A method of driving a computer having a BIOS-ROM booting the computer, said
2 method comprising steps of:

3 turning on the computer;

4 starting a POST (power on self test) by means of the BIOS-ROM when the computer is
5 turned on;

6 initializing a removable storage unit having a user code stored therein, said removable storage
7 unit being connected to said computer via a port connected to an interface part for transmitting data
8 between the computer and the removable storage unit;

9 comparing, upon initialization of the removable storage unit, the user code to a unit code
10 stored in the computer; and

11 booting the computer when the user code is equal to the unit code.

1 8. The method according to claim 7, wherein the initializing step comprises,
2 determining whether the removable storage unit is connected to the interface part, and

3 outputting an error message where the removable storage unit is not connected to the
4 interface part.

1 9. The method according to claim 7, further comprising a step of outputting an error
2 message when the user code is not equal to the unit code without booting the computer.

1 10. The method according to claim 7, wherein the unit code is stored in the BIOS-ROM.

11. The method according to claim 7, wherein the removable storage unit further
comprises an MP3 playback part for reproducing an MP3 file.

12. The method according to claim 7, wherein the removable storage unit is comprised
of a digital camera, and the digital camera includes an image playback part for reproducing an image
file.

1 13. A computer security system comprising:
2 a removable storage unit having a casing, a readable and writable memory disposed within
3 the casing and having a data storing part and a code storing part, and a plug provided at the casing,
4 said plug being removably connected to an interface part of a computer for enabling a main board
5 of said computer to bidirectionally communicate with said removable storage unit;
6 a BIOS-ROM disposed on said main board, said BIOS-ROM having a boot program and a

unit code stored therein; and

a controller for comparing a user code received from the code storing part through the plug and interface part to the unit code stored in the BIOS-ROM, said controller enabling said BIOS-ROM to boot said computer when said user code and said unit code match.

14. The computer according to claim 13, wherein the controller is provided in the BIOS-ROM.

15. The computer according to claim 13, wherein the removable storage unit further comprises an MP3 playback part for reproducing an MP3 file stored in said data storing part, said MP3 playback part being capable of reproducing said MP3 file even when the removable storage unit is not connected to the computer.

16. The computer according to claim 13, wherein the removable storage unit further comprises a digital camera, and the digital camera includes an image playback part reproducing an image file.

17. The computer according to claim 15, wherein the removable storage unit further comprises a digital camera, and the digital camera includes an image playback part reproducing an image file.

18. The computer according to claim 13, wherein the interface part is comprised of a USB
port for transmitting data to, or receiving data from, the main board.

19. The computer according to claim 13, wherein the interface part is comprised of an
IEEE1394 port for transmitting data to, or receiving data from, the main board.

20. The computer according to claim 13, wherein the memory is comprised of a flash
memory.